

680 Low HAP Sealer

CLEAR NC LACQUER SANDING SEALER

Product Code: **651630**

680 Low HAP Clear Nitrocellulose Lacquer Sanding Sealer is a high build sanding sealer suitable for use with pre-catalyzed and non-catalyzed top-coats.

Ideal for

- Doors & Millwork
- Cabinetry & Casegoods
- Interior wood work
- Federal AIM compliant at 680 g/l VOC
- NESHAP compliant—JJ (furniture)

Benefits

- Very fast dry
- Easy to sand
- High Solids
- High Build
- Excellent sag resistance
- Low HAP

APPLICATION DATA

SURFACE PREPARATION: "White sand" wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

APPLICATION EQUIPMENT: This product is designed for spray application through all types of equipment. Recommended settings are with trigger pulled:

Airless	No thinning required. Spray at 1000 to 1200 psi 411 or 513 tip
Air Assist	No thinning required. Spray at 700 to 900 psi fluid pressure 10 to 12 psi air cap 411 or 513 tip
HVLP	Thin 10-30% with recommended thinner. Spray at 28 psi through a 1.4 fluid nozzle.

THINNING: This product is designed to spray at package viscosity with most application equipment. Thinning requirements may vary with changes in temperature and spray room conditions. If thinning is desired, use 650870 Premium Lacquer Thinner, 652081 VOC Exempt Lacquer Thinner, 652210 No-HAP Lacquer Thinner or Acetone.

Note: Thinning will reduce film build and may increase VOCs or HAPs, unless using VOC Exempt or HAP-Free solvents.

AGITATION: This product must be kept under slow, constant agitation to ensure proper mixing.

CLEAN UP: Use lacquer thinner compliant with local air quality rules and regulations.

FINISHING SYSTEM

STAIN: When staining wood, use Rudd Colortools™ Dye Stain, Colortools™ SprayOnly Stain, or Colortools™ Wiping Stain.

SEAL: Apply one coat (3-4 mils wet) of 680 Low HAP Lacquer Sanding Sealer. Allow 10 minutes* dry time and sand with 220/320 grit Silicon Carbide sandpaper before finishing.

FINISH: Apply two coats (4-5 mils wet) of any Rudd interior clear lacquer. Allow 20 minutes* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

*Dry times will vary with film thickness, temperature, humidity and air movement.

SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

Flammable Liquid and Vapor: Keep away from heat, sparks and flame. Ensure adequate ventilation during use. Clean up spills with non-sparking tools and inert absorbent material. Soak solvent and lacquer soaked rags and filters in water-filled, closed container prior to disposal. Dispose in safe, approved manner.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS

Coverage	274 square feet per gallon @ 1 mil dry film thickness
Viscosity	30-35 seconds (#2 Zahn Cup @ 70° F)
Sag Resistance	7 mils vertical @ 65-70°F
Solids	24.5% by weight 1.83 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 649 g/l (5.41 lb / gal)
HAP (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.082 Pounds HAP per Pound Solids: < 0.8 (actual 0.045) Pounds HAP per Volume Solids: 0.482
Dry to Sand	10 minutes @ 65-70°F
CAUTION: Thinning will reduce film build and may increase VOCs and HAPs unless using VOC Exempt and/or HAP-free thinner.	

APPLICATION PRECAUTIONS

- Apply ONLY one coat of 680 Low HAP Lacquer Sanding Sealer. If additional film build is desired, build film thickness with multiple finish coats.
- This product is not recommended for exterior use.
- Finish, substrate and curing temperatures should remain above 60°F, extremes of temperature and humidity may affect product performance.
- Total film build of system must not exceed 5.0 dry mils.
- This product has been tested on a limited number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.
- Designed for professional use by spray application only.

Shipping & Storage Information

Flash Point: -4°F Pensky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

DOT Class: Paint, 3, UN 1263, PG II



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